

PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference Case P-10141	FOR FURTHER ACTION See Form PCT/IPEA/416	
International application No. PCT/SE2003/001650	International filing date (day/month/year) 23.10.2003	Priority date (day/month/year) 25.10.2002
International Patent Classification (IPC) or national classification and IPC B25F 5/02, B27B 17/00		
Applicant Aktiebolaget Electrolux et al		

- This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
- This REPORT consists of a total of 3 sheets, including this cover sheet.
- This report is also accompanied by ANNEXES, comprising:
 - ☒ (sent to the applicant and to the International Bureau) a total of 2 sheets, as follows:
 - ☒ sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).
 - ☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.
 - ☐ (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).

- This report contains indications relating to the following items:

<input checked="" type="checkbox"/> Box No. I	Basis of the report
<input type="checkbox"/> Box No. II	Priority
<input type="checkbox"/> Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
<input type="checkbox"/> Box No. IV	Lack of unity of invention
<input checked="" type="checkbox"/> Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
<input type="checkbox"/> Box No. VI	Certain documents cited
<input type="checkbox"/> Box No. VII	Certain defects in the international application
<input type="checkbox"/> Box No. VIII	Certain observations on the international application

Date of submission of the demand 13.05.2004	Date of completion of this report 08.02.2005
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Form PCT/IPEA/409 (cover sheet) (January 2004)

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/SE2003/001650

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

- ☐ This report is based on a translation from the original language into the following language _____, which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
 - ☐ publication of the international application (under Rule 12.4)
 - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1 - 6 _____ as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☒ the claims:
- pages _____ as originally filed/furnished
- pages* _____ as amended (together with any statement) under Article 19
- pages* _____ received by this Authority on _____
- pages* 1 - 2 _____ received by this Authority on 04.02.2005
- ☒ the drawings:
- pages 1 - 2 _____ as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to the sequence listing (*specify*): _____

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to the sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/SE2003/001650

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	<u>1-10</u>	YES
	Claims	_____	NO
Inventive step (IS)	Claims	<u>1-10</u>	YES
	Claims	_____	NO
Industrial applicability (IA)	Claims	<u>1-10</u>	YES
	Claims	_____	NO

2. Citations and explanations (Rule 70.7)

Cited documents:

1. US 4761939 A
2. US 5215049 A
3. US 4946087 A

The documents cited in the International Search Report represent background art.

The invention defined in claims 1-10 amended with the letter of 2005-02-03 is not disclosed by any of these documents.

None of the cited documents gives any indication towards the claimed handle for a hand held engine powered tool. No relevant combination of the cited documents would lead a person skilled in the art to the invention defined in the claims.

Therefore, the invention defined in claim 1-10 is novel and is considered to involve an inventive step. It is also considered to be industrially applicable.

Claims:

1. Handle (11) for a hand held engine powered tool comprising at least a lever or button for controlling the power of the tool, said handle (11) is made of at least
5 two handle sections (15, 16) permanently joined, **characterized in** that the lever or button is secured in only one of the handle sections (16) so that the function of the lever or button is independent of the handle sections (15, 16) position in relation to each other.
- 10 2. Handle according to claim 1, **characterized in** that the handle comprises two handle sections (15, 16) and that the handle (11) is provided with a lever (12) and a button (13).
- 15 3. Handle according to claim 1 or 2, **characterized in** that the handle sections (15, 16) are made of a plastic or metallic material.
- 20 4. Handle according to claim 1, **characterized in** that the handle (11) is provided with a lever (12) for controlling the power or the engine and a safety button (13) that stops the operator from increasing the power of the engine if the operator not is holding his hand around the handle (11) and the safety button (13) pressed.
- 25 5. Handle according to any of the previous claims, **characterized in** that the lever or levers and / or button or buttons and related components are secured in the handle section (16) via a supporting section (20) extending from the handle section (16).
- 30 6. Handle according to claim 5, **characterized in** that the supporting section (20) is provided with a pocket (21) where the lever or button is placed and secured by a locking pin (23) acting as the axle for the lever or button, said locking pin (23) extends through two openings (22) in the supporting section (20) and an hole (24) in the lever or button.

7. Handle according to any of claim 1-4, **characterized in** that the lever or levers and / or button or buttons and related components are secured in the handle section (16) by a keyhole-shaped opening (26) in the lever, button or component is snapped on a pin (25) extending in transverse direction from the handle section (16) in relation to the longitudinal axle so that the lever, button or component turns around the pin (25).
8. Handle according to claim 7, **characterized in** that the other handle section (15) is provided with a protruding circle-shaped edge (34) surrounding a part or the entire pin (25) so that when the handle sections are joined will the end of the pin (25) be placed so that the protruding circle-shaped edge (34) supports the pin (25) when exposed to high loads.
9. Handle according to any of claim 1-4, **characterized in** that the lever or levers and / or button or buttons and related components are secured in the handle section (16) by a separate metallic or plastic pin (31) pressed into a prepared opening in the handle section (16) so that said lever or levers and / or button or buttons and related components are turning around the separate metallic or plastic pin (31).
10. Handle according to claim 9, **characterized in** that the other handle section (15) is provided with a protruding circle-shaped edge (34) surrounding a part or the entire separate metallic or plastic pin (25) so that when the handle sections are joined will the end of the separate metallic or plastic pin (25) be placed so that the protruding circle-shaped edge (34) supports the separate metallic or plastic pin (25) when exposed to high loads.